INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/003864

A. CI	LASSIFIC nt.Cl ⁷	ATION OF SUBJECT MATTER C23C14/34, B23K20/12						
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According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols)								
I	nt.CI	C23C14/34, B23K20/12						
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×	Further do	cuments are listed in the continuation of Box C.	See patent family annex.					
"A" d	Special categories of cited documents: document defining the general state of the art which is not considered		date and not in conflict with the applic	ation but cited to understand				
"E" e	earlier application or patent but published on or after the international		"X" document of particular relevance: the	laimed invention cannot be				
"L" c	document w	which may throw doubts on priority claim(s) or which is	step when the document is taken alone					
cited to establish the publication date of another citation or other special reason (as specified)		ablish the publication date of another citation or other	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is					
			combined with one or more other such being obvious to a person skilled in th	documents, such combination e art				
			"&" document member of the same patent	family				
	Date of the actual completion of the international search Date of mailing of the international search report							
0	2 June	e, 2004 (02.06.04)	22 June, 2004 (22.)	Jo.U4)				
	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international filing date on or after the international filing date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family							
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PCT/JP2004/003864

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